WAGAN® TECH

Item #2406

Smart AC 150 USB Traveler™

User's Manual

Thank you for purchasing the Smart AC™ 150 USB Traveler by Wagan Tech®. With normal care and proper treatment it will provide years of reliable service. Please read all operating instructions carefully before use.

GENERAL INFORMATION

Read, understand, and comply with these instructions before using this inverter. Keep this User's Guide for future reference.

This inverter is powered from a 12 volt DC source and provides 150 Watts AC 60Hz through two North American standard outlets. The AC waveform is a modified sine wave (MSW) which approximates the sine wave of household electrical service. This inverter powers AC appliances up to 150 watts. An attached DC power cord connects to a 12V DC cigarette lighter socket. There is a USB power port that can be used to charge cell phones, digital cameras, and MP3 players. Safety features include automatic shutdown in the event of overheat, overload, output short circuit, and input short circuit.

WARNINGS

- Keep the inverter away from children.
- Do not operate the inverter with wet hands to prevent electrical shock hazard.
- This device produces voltage similar to wall outlets at home and should be treated with the same caution.

OPERATING ENVIRONMENT/USER RESPONSIBILITY

- The 12 volt supply must provide between 10 to 15 volts DC
- Make sure the inverter is connected to the correct voltage and polarity.
- Unplug or disconnect the inverter when it is not in use.
- Unplug the inverter when starting the vehicle's engine.
- Keep at least one inch of clearance around the inverter for air flow.

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- Keep the inverter and all cords dry.
- Secure the Inverter to keep it from changing position while the vehicle is moving.
- Know the wattage requirements of your appliances. Appliance total wattage can not exceed 150 watts.
- Do not connect the inverters AC output to another AC power source. Damage will result, voiding the inverter's warranty.
- Do not use an extension cord between the DC power source and the DC input of the inverter. An extension cord can create a voltage drop that can reduce efficiency and output.

OPERATION

Verify the fuse size of your vehicle cigarette lighter socket. If the fuse is a 10A fuse, your output will be limited to 120W. Most recent vehicle models come with 15A fuses.

The cigarette lighter Adapter (DC plug) is fused at 20 amps. The plug allows the Inverter to be easily connected to a cigarette lighter socket or accessory socket in a vehicle. Removing the accessory socket plug allows the inverter to be powered from an airline power receptacle.

FOR POWER CORD WITH CIGARETTE LIGHTER ADAPTER INSTALLED:

- Insert the DC plug into the vehicles accessory socket
- Turn the ignition switch to the accessory position, if necessary.
- Insert appliance plug(s) into AC socket(s) at the front of the inverter.
- Turn on the power switch that is located on the top of the Inverter
- The green LED will light to confirm that AC output is present.
- After use, turn OFF the inverter and disconnect the plug from the accessory socket.

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USB POWER PORT

When the inverter is powered, the USB Power Port provides 5 volts DC up to 0.5 Amps for charging cell phones, digital cameras, and MP3 players. The user supplies the charging/power adapter cord.

1. Connect the device to the adapter cord.
2. Plug the USB connector into thee USB Port.
3. Turn on the device.
4. After use, turn off the device and turn off the inverter.
5. Disconnect the USB connector from the inverter.
6. Disconnect the inverter from its power source.

CAUTIONS

If you use a battery charger to recharge your battery, be sure to disconnect the inverter first. Failure to disconnect the Inverter prior to connecting a charger may result in an input voltage spike that can damage the Inverter.

Powering this inverter with greater than 15 volts DC can damage the inverter and void the warranty.

Do not use an extension cord between the DC power source and the DC input of the Inverter. An extension cord on the DC input can create a voltage drop that can reduce efficiency and output.

Do not open the case of the inverter. There are no user serviceable parts inside.

Do not let the cord of the inverter or any appliance cord get wet. Do not operate this Inverter in or around water. Water can damage the Inverter. Water damage is not covered under warranty.

MAINTENANCE

Little maintenance is required to keep your inverter operating properly. Periodically clean the exterior of the unit with a damp cloth to prevent accumulation of dust and dirt.

SPECIFICATIONS

Continuous output power	150W
Surge output power	450W
AC output voltage	115V AC
Regulation	± 10%
Frequency	60 Hz
Efficiency	90%
DC input voltage	10V–15V DC
Low battery shutdown	10V DC ±0.5V
High battery shutdown	>15V CD
Over temperature protection	YES
Output short circuit protection	YES
Overload protection	YES
Input short circuit protection	YES

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WAGAN Corp. Limited Warranty

The WAGAN Corp. warranty is limited to products sold only in the United States.

All Wagan Tech products must be registered within (30) days of purchase to activate its warranty. To register your product, please visit *http://tinyurl.com/waganwarranty*. Be sure to keep the original receipt as it will be required when returning a product under the warranty.

Warranty Duration: This product is warranted to the original purchaser for a period of one (1) year from the original purchase date, to be free of defects in material and workmanship. WAGAN Corporation disclaims any liability for consequential damages. In no event will WAGAN Corporation be responsible for any amount of damages beyond the amount paid for the product at retail.

Warranty Performance: During the above one (1) year warranty period, a product with a defect will be replaced with a comparable model when the product is returned to WAGAN Corporation with an original store receipt. The replacement product will be in warranty for the balance of the original one (1) year warranty period.

To return a defective item, please contact WAGAN Corporation at (800) 231-5806 to obtain a Returned Merchandise Authorization number (RMA#), and return instructions. Each item returned will require a separate RMA#. After you have received the RMA# and the return instructions from WAGAN Corporation, please follow the instructions and send the item with PREPAID SHIPPING, along with all of the required documentation, a complete explanation of the problem, your name, address and daytime phone number. WAGAN Corporation will, at its option, replace or repair the defective part.

A Returned Merchandise Authorization number (RMA#) is REQUIRED when sending in any defective item. WAGAN Corporation is not responsible for any item(s) returned without an official Returned Merchandise Authorization number. The item(s) must be returned with prepaid shipping. WAGAN Corporation is not responsible for any shipping charges incurred in returning the item(s) back to the company for repair or replacement. This warranty is void if the product has been damaged by accident, in shipment, unreasonable use, misuse, neglect, improper service, commercial use, repairs by unauthorized personnel or other causes not arising out of defects in materials or workmanship. This warranty does not extend to any units which have been used in violation of written instructions furnished.

Warranty Disclaimers: This warranty is in lieu of all warranties expressed or implied and no representative or person is authorized to assume any other liability in connection with the sale of our products. There shall be no claims for defects or failure of performance or product failure under any theory of tort, contract or commercial law including, but not limited to negligence, gross negligence, strict liability, breach of warranty and breach of contract.

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